CRP – CRDP Series

Bevel Gearbox double input

Introducing the Maxnovo Bevel Gearbox

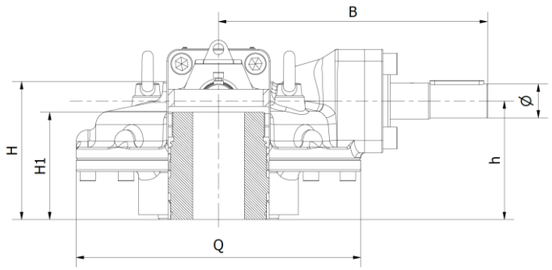
Engineered to deliver precision, reliability, and seamless integration, the new **Maxnovo** Bevel Gearbox has been specifically designed to meet the needs of customers requiring synchronized motion of two gears driven either manually via handwheel or using the **DP** version through an electric actuator.

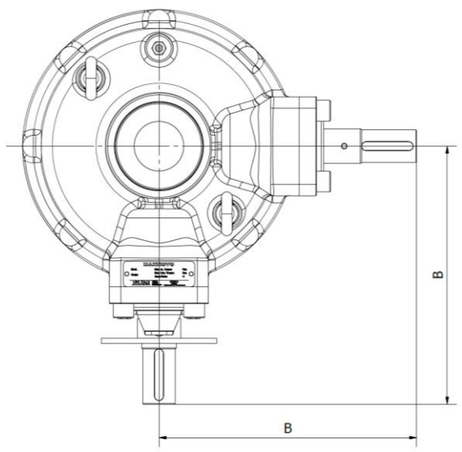
Developed with the water-management sector in mind, this solution is particularly suited for sluicegate and handling systems, where the synchronized movement of two salient stems is essential for efficient and controlled operation.

This new variant is compatible across the entire **Maxnovo CR** gear series, ensuring broad applicability and easy implementation within existing systems.

CRP Series

CRDP Series





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Bevel Gearbox Double input – Complete Model List

- Output torque up to 70.000 Nm and Thrust Capacity up to 7200 kN
- Easy to install and operate, maintenance free
- Ductile Iron / Carbon Steel / Stainless Steel / Low Temperature Carbon Steel
- Handwheel operated or motorizable output flange acc. to ISO 5210
- Accessories available on request: Position indicator, Plates, Shafts, Locking Device, Chainwheels and Interlock
- For dimensions and drawings out technical dept. can provide all info required

Model	Flange	ISO 5211 Output flange - Performance data												Outline dimentions															
		Maximum stem bore (mm)			Ratio		Mechanical Advnatage +10%		Input torque (Nm)		Maximum output torque (Nm)	Maximum Thrust (kN)		Q (mm)		H1 (mm)			H (mm)		h (mm)		B (mm)		Φ (mm)		M (mm)	
		ZN	ZQ	N	ZN-ZQ	N	ZN-ZQ	N	ZN-ZQ	N		ZN-ZQ	N	ZN-ZQ	N	ZN	ZQ	N	ZN-ZQ	N	ZN-ZQ	N	ZN-ZQ	N	ZN-ZQ	N	ZN-ZQ	N
CR01P / CR01DP	F10		26		2,7		2,2		121		260	110		167			50,5		80		65,5		160		23		M33.5×2	
	F12																												
CR02P / CR02DP	F10																												
	F12	26	36	45	3,1	4	2,5	3,4	182	141	450	160	200	182	167	33	57	78	88,5	100	73	68,5	172	194	23	25	M42×2	M60×2
	F14																												
CR03P / CR03DP	F10																												
	F12	30	44	52	3,6	4	2,8	3,4	245	221	696	200	240	175	182	42	66	88	91,5	110	78	78	180	210	23	25	M60×2	
	F14																												
	F16																												
CR04P / CR04DP	F12																												
	F14	40	52	65	3,9	4	3,1	3,4	320	312	1002	220	280	210		46	74	90	103	118	87	87	209,5	244	28	25	M60×2	M88.5×2
	F16																												
	F20																												
CR05P / CR05DP	F14																												
	F16	45	62	52	4,4		3,5		459		1602	240	320	237		56	85	56	110,5	107,5	94,5	88,5	224		28		M76×2	M88.5×2
	F20																												
	F25																												
CR05.5P / CR05.5DP	F14																												
	F16	50	72	60	4,6		3,7		590		2145	360	400	270		66	91	66	116,5	117,5	105	95	244		35		M88.5×2	
	F25																												
	F30																												
CR06P / CR06DP	F16																												
	F25	55	80	60	4,7		3,8		798		3000	480	500	292		71	97	76	120,5	133,5	109	101	254		35		M88.5×2	
	F30																												

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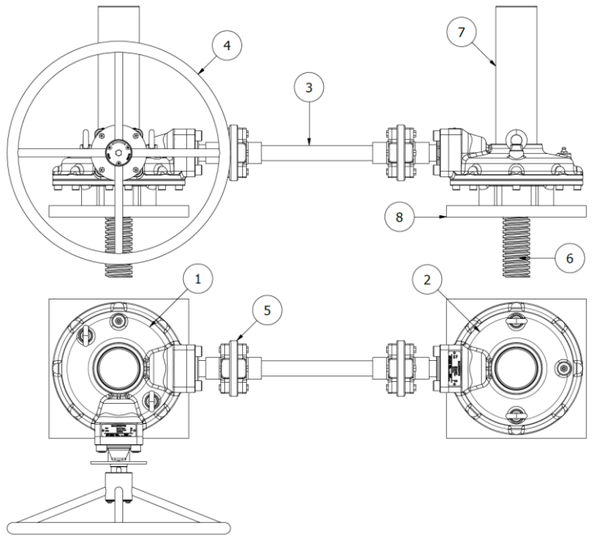
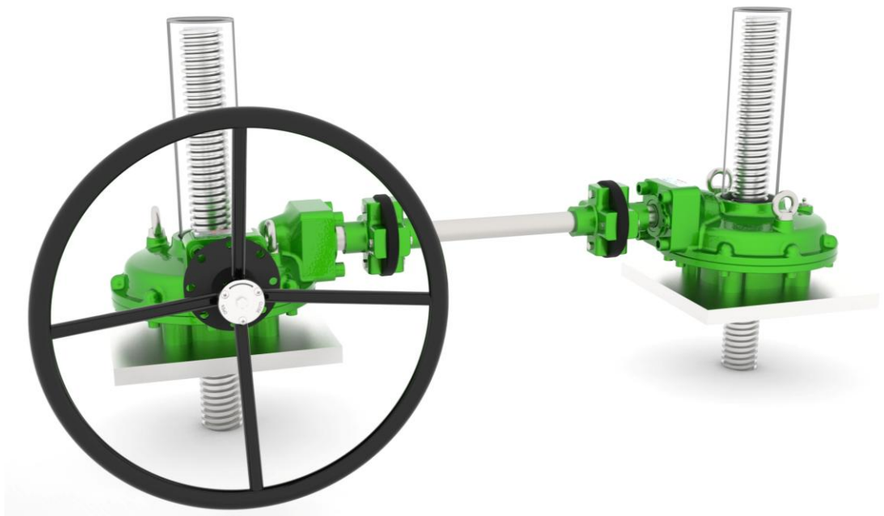
CRP - CRDP Kit

Maxnovo complete kit overview

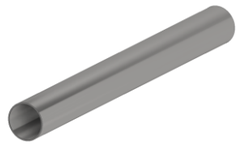
- To support true plug-and-play installation, Maxnovo provides a complete package that includes all necessary components, offering end users a fully integrated and ready-to-use solution.
- Available with automation flange



ITEM LIST		
ITEM	QTY	DESCRIPTION
1	1	CRP - Serie double input
2	1	CR - Serie
3	1	Connecting rod
4	1	Handwheel
5	2	Elastic Joint
6	2	Screw
7	2	Stem cover
8	2	Adaption Flange

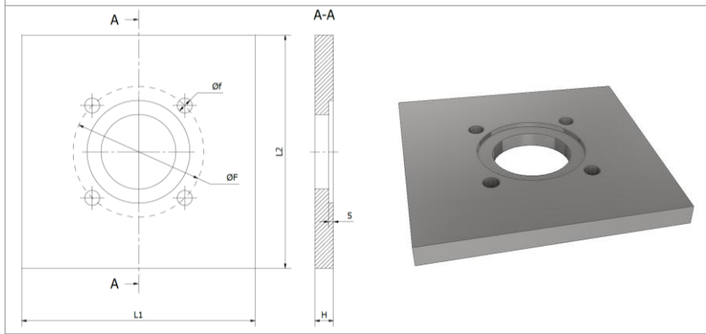


CRP – CRDP - Accessories

Connecting rod	
Item	Dimension
	Ø30x3mm
	Ø38x4mm
	Ø42x2,5mm
	Ø45x2,5mm
	Ø48x4mm

Screw	
Item	Dimension
	TR-30/35x6mm
	TR-40x7mm
	TR-50x8mm
	TR-60x9mm
	TR-70x10mm

Stem cover – Carbon Steel / SS316	
Item	Dimension
	M33,5x2 – h Custom
	M42x2 – h Custom
	M60x2 – h Custom
	M76x2 – h Custom
	M88,5x2 – h Custom

Plates – Carbon Steel / SS316					
Item	L1	L2	ØF	Øf	H
	200	180	F10	12	20
	200	180	F12	14	20
	250	200	F14	18	25
	250	250	F16	22	30
	280	250	F20	18	40
	350	300	F25	18	40
	400	350	F30	22	40

**All dimension can be customize*